

ABSTRACT OF THE DISCLOSURE

In an antenna unit, a radiating element and an antenna ground element are held to a dielectric member, which is primarily provided for increasing electric lines of force passing from the radiating element to the antenna ground element. The radiating element and the antenna ground element are arranged with a predetermined slant relative to a circuit board. Therefore, the number of parts or the complexity of the assembly work for the antenna unit does not increase in comparison with an antenna unit holding a radiating element with an antenna base or a bracket. Furthermore, the slant can be adjusted to any angle during the assembly work. Thus, the maximum gain angle of the directional patterns can be adjusted without increasing the size of the antenna unit.